

carboncalcpcf.com

Product Carbon Footprint: qvtdzrxnhq

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Total Carbon Footprint

0.18406 tCO₂e

per 1.0 unit (Cradle-to-Grave)

Overall Footprint

0.18406 tCO₂e

Carbon Intensity

0.18406 tCO₂e/unit

Top Material Hotspot

Circuit Board (PCB)

Primary Emission Scope

Scope 3

Lifecycle Stage Breakdown (tCO2e)

Raw Material Acquisition & Pre-processing	0.1567 tCO2e (85.13%)
Manufacturing (Scope 1 & 2)	0.0019 tCO2e (1.03%)
Transportation & Distribution (Up/Downstream)	0.01292 tCO2e (7.02%)
Use Phase	0.0135 tCO2e (7.33%)
End-of-Life Treatment	-0.00096 tCO2e (-0.52%)

Material Carbon Impact (tCO2e)

Circuit Board (PCB)	0.1500 tCO2e
Aluminum Casing	0.0056 tCO2e

